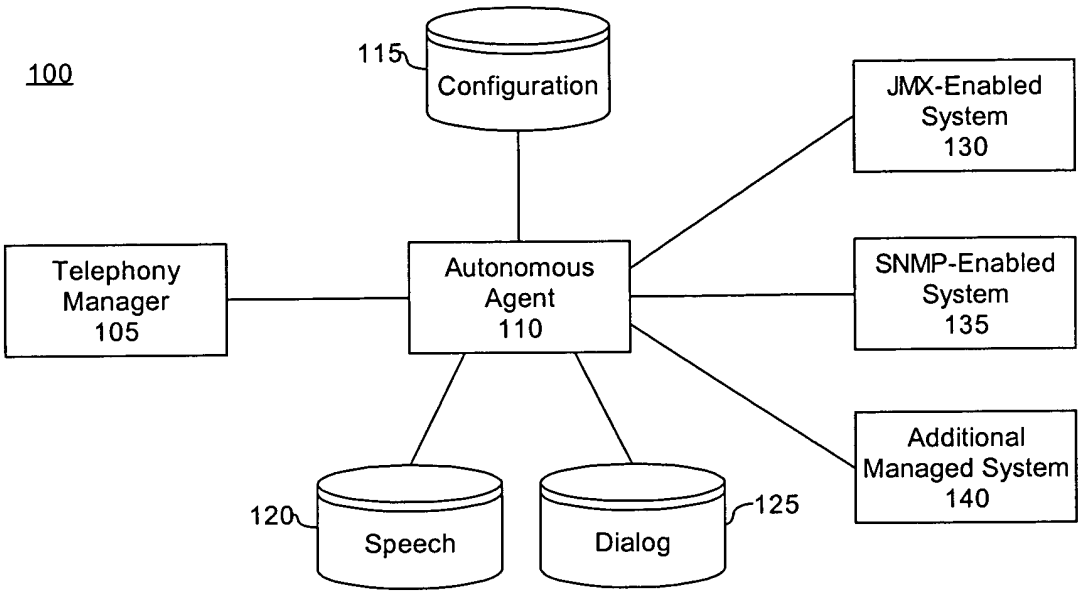
100
115
Configuration
JMX-Enabled System 130
Telephony Manager 105
Autonomous Agent 110
SNMP-Enabled System 135
Additional Managed System 140
120
Speech
Dialog
125

FIG. 1

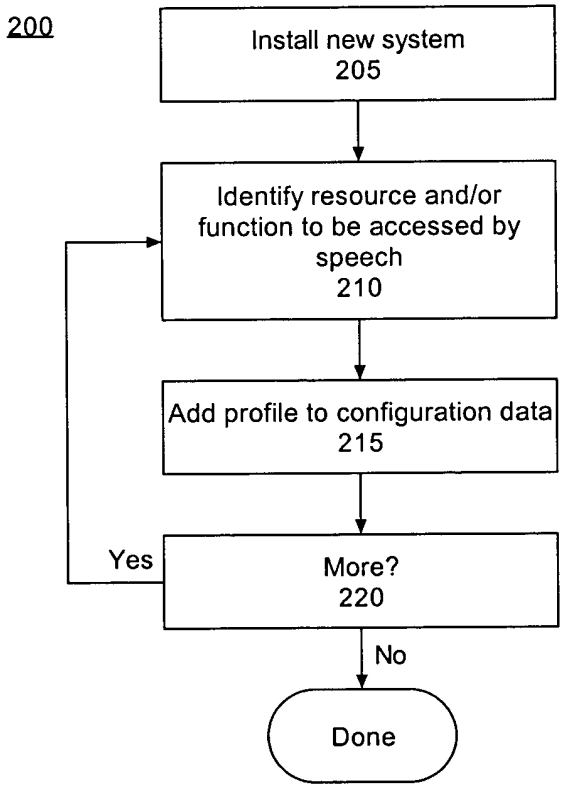
200
Install new system 205
Identify resource and/or function to be accessed by speech 210
Add profile to configuration data 215
More? 220
Yes
No
Done

FIG. 2

300

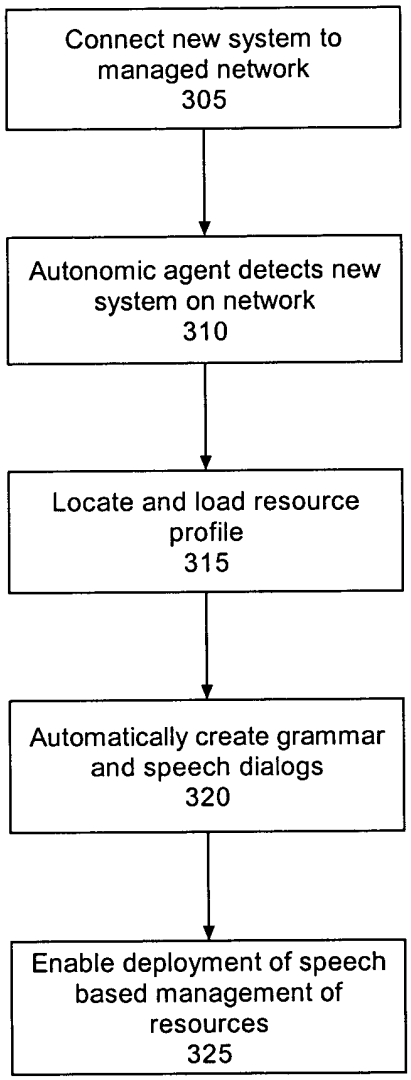
Connect new system to managed network
305
Autonomic agent detects new system on network
310
Locate and load resource profile
315
Automatically create grammar and speech dialogs
320
Enable deployment of speech based management of resources
325

FIG. 3

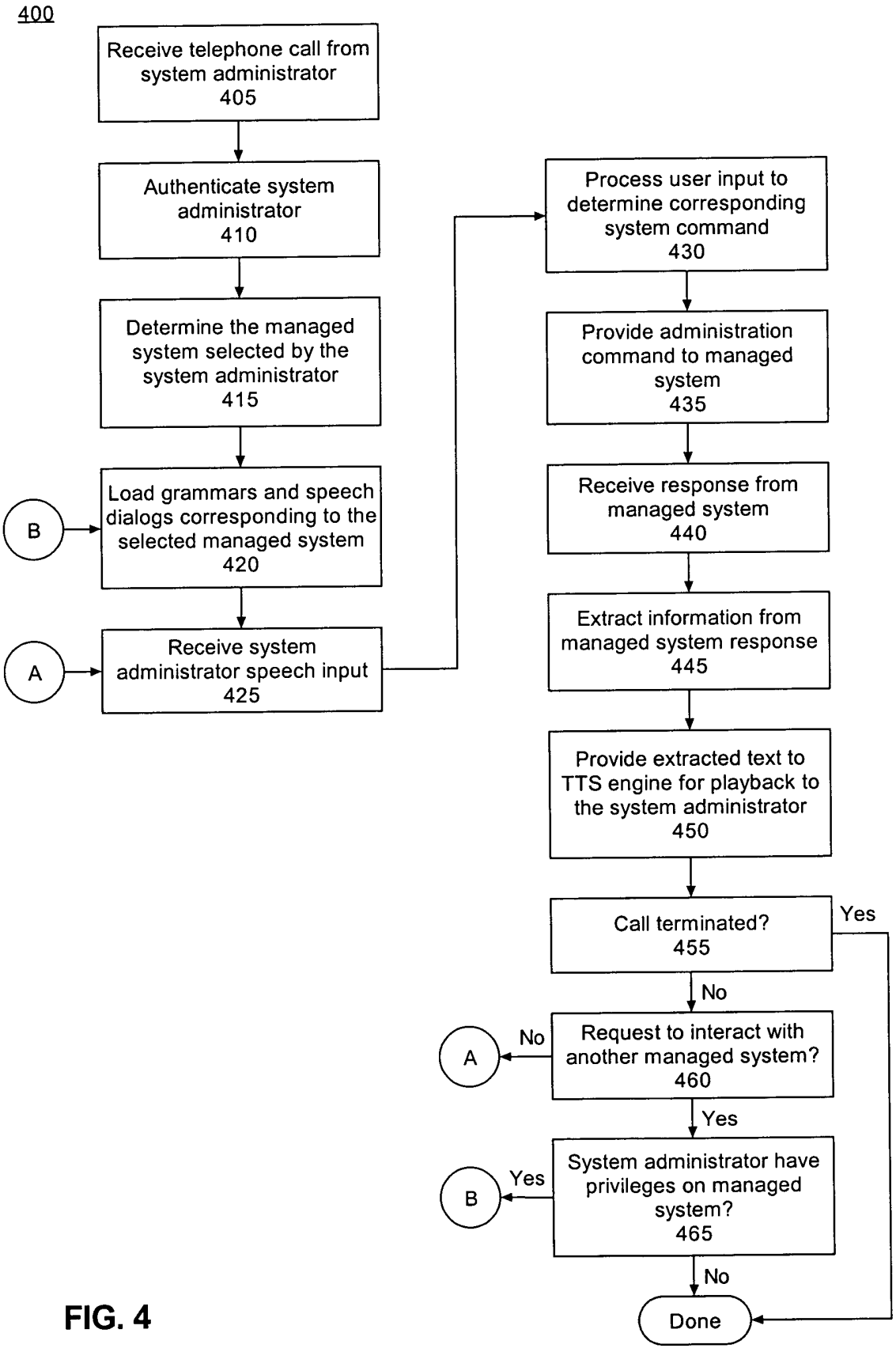
400
Receive telephone call from system administrator 405
Authenticate system administrator 410
Determine the managed system selected by the system administrator 415
B
Load grammars and speech dialogs corresponding to the selected managed system 420
A
Receive system administrator speech input 425
Process user input to determine corresponding system command 430
Provide administration command to managed system 435
Receive response from managed system 440
Extract information from managed system response 445
Provide extracted text to TTS engine for playback to the system administrator 450
Call terminated? 455
Yes
No
A
No
Request to interact with another managed system? 460
Yes
B
Yes
System administrator have privileges on managed system? 465
No
Done

FIG. 4